

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                                      | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------|------------------|---------|---------------------|
| S1    | 595  | 264/571.ccls.                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:03 |
| S2    | 240  | S1 and (pipe or tube or hose)                     | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:03 |
| S3    | 0    | S1 and (pipe or tube or hose).as.                 | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:03 |
| S4    | 31   | S1 and (pipe or tube or hose).ab.                 | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:03 |
| S5    | 1    | "2897840".pn.                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:06 |
| S6    | 1    | "2780273".pn.                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:08 |
| S7    | 0    | ("2780273").URPN.                                 | USPAT              | OR               | ON      | 2009/03/27<br>16:12 |
| S8    | 14   | ("2897840").URPN.                                 | USPAT              | OR               | ON      | 2009/03/27<br>16:12 |
| S9    | 3069 | vacuum with draw with tube                        | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:15 |
| S11   | 4344 | vacuum with draw with (tube or mold)              | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:15 |
| S12   | 1149 | S11 and (pipe or tube or hose).ab.                | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:15 |
| S13   | 67   | S11 and ((pipe or tube or hose) and mold\$3).ab.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:15 |
| S14   | 1    | ("5308427").PN.                                   | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:20 |
| S15   | 171  | vacuum with draw with (parison or preform)        | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:22 |
| S16   | 3971 | vacuum with draw with (hose or tube)              | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:26 |
| S17   | 80   | vacuum with draw with (hose or tube) with mold\$3 | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:26 |
| S18   | 1    | "3859408".pn.                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:31 |
| S19   | 1    | "3976414".pn.                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2009/03/27<br>16:35 |

|     |       |   |                           |    |    |                     |
|-----|-------|---|---------------------------|----|----|---------------------|
| S20 | 0     | vauum with pull with<br>(tube or hose or pipe)<br>with mold\$3  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>16:39 |
| S21 | 0     | vauum with pull with<br>(tube or hose or pipe)<br>with cavity   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>16:39 |
| S22 | 13626 | vacuum adj tube   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>16:41 |
| S23 | 240   | S22 with hose   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>16:41 |
| S24 | 1     | S23 with mold\$3  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>16:41 |
| S25 | 1     | "5160476".pn.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>16:50 |
| S26 | 8     | ("3313870"  <br>"3541189"   "3752630"<br>  "4867669").PN. OR<br>("5160476").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:51 |
| S27 | 9     | S25 or S26  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:51 |
| S28 | 2     | S27 and vacuum  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:51 |
| S29 | 65    | ("2423260"  <br>"2451986"   "2936491"<br>  "2974758"  <br>"3086242"   "3296661"<br>  "3370112"  <br>"3759651"   "3784345"<br>  "3856905"  <br>"4028037"   "4543051"<br>  "4863365"  <br>"4867921"   "5160476"<br>  "5342187"  <br>"5342570"  <br>"T900024").PN. OR<br>("5587126").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:52 |
| S30 | 30    | ("2423260"  <br>"2451986"   "2936491"<br>  "2974758"  <br>"3086242"   "3296661"<br>  "3370112"  <br>"3759651"   "3784345"<br>  "3856905"  <br>"3900024"   "4028037"<br>  "4543051"  <br>"4863365"   "4867921"<br>  "5160476"  <br>"5342187"  <br>"5342570").PN. OR<br>("5589131").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:52 |

|     |       |   |                           |    |    |                     |
|-----|-------|---|---------------------------|----|----|---------------------|
| S31 | 17    | (S29 or S30) and vacuum   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:52 |
| S32 | 11772 | vacuum with position\$3 with (hose or tube)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:55 |
| S33 | 4234  | vacuum with position\$3 near4 (hose or tube)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:55 |
| S34 | 64    | vacuum with position\$3 near4 (hose or tube) with mold\$3   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>16:56 |
| S35 | 1     | "5160476".pn.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:00 |
| S36 | 8     | ("3313870"  <br>"3541189"   "3752630"<br>  "4867669").PN. OR<br>("5160476").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>17:00 |
| S37 | 30    | ("2423260"  <br>"2451986"   "2936491"<br>  "2974758"  <br>"3086242"   "3296661"<br>  "3370112"  <br>"3759651"   "3784345"<br>  "3856905"  <br>"3900024"   "4028037"<br>  "4543051"  <br>"4863365"   "4867921"<br>  "5160476"  <br>"5342187"  <br>"5342570").PN. OR<br>("5589131").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>17:00 |
| S38 | 65    | ("2423260"  <br>"2451986"   "2936491"<br>  "2974758"  <br>"3086242"   "3296661"<br>  "3370112"  <br>"3759651"   "3784345"<br>  "3856905"  <br>"4028037"   "4543051"<br>  "4863365"  <br>"4867921"   "5160476"<br>  "5342187"  <br>"5342570"  <br>"T900024").PN. OR<br>("5587126").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>17:01 |
| S39 | 14    | ("1177204"  <br>"3116348"   "3202178"<br>  "3296661"  <br>"3784345"   "3814564"<br>  "4088724"  <br>"4708841").PN. OR<br>("4867669").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>17:01 |

|     |        |   |                           |    |    |                     |
|-----|--------|---|---------------------------|----|----|---------------------|
| S40 | 24     | ("2955321"  <br>"3090998"   "3160918"<br>  "3246061"  <br>"3294882"  <br>"3377413").PN. OR<br>("3752630").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>17:01 |
| S41 | 9      | ("3541189").URPN.   | USPAT                     | OR | ON | 2009/03/27<br>17:01 |
| S42 | 20     | ("3313870").URPN.   | USPAT                     | OR | ON | 2009/03/27<br>17:01 |
| S43 | 9      | ("3541189").URPN.   | USPAT                     | OR | ON | 2009/03/27<br>17:01 |
| S44 | 20     | ("3313870").URPN.   | USPAT                     | OR | ON | 2009/03/27<br>17:01 |
| S45 | 118    | S36 S37 S38 S39 S40<br>S41 S42 S43 S44  | USPAT                     | OR | ON | 2009/03/27<br>17:01 |
| S46 | 36     | S45 and vacuum  | USPAT                     | OR | ON | 2009/03/27<br>17:01 |
| S47 | 36     | S45 and (vacuum or<br>suction)  | USPAT                     | OR | ON | 2009/03/27<br>17:01 |
| S48 | 36     | S45 and (vacuum or<br>suction)  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:01 |
| S49 | 203    | 226/97.4.ccls.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:19 |
| S50 | 37     | S49 and vacuum  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:20 |
| S51 | 0      | 226/254.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:27 |
| S52 | 191    | 226/97.1.ccls.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:29 |
| S53 | 0      | S52 and vacuum  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:29 |
| S54 | 38     | S52 and vacuum  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:29 |
| S55 | 0      | 406/45.ccls.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:36 |
| S56 | 26     | 406/45.ccls.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:36 |
| S57 | 1932   | 406/154-180.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:38 |
| S58 | 136    | S57 and hose  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:38 |
| S59 | 595    | 264/571.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:40 |
| S60 | 236184 | (pipe or hose or tube).<br>ab.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:40 |

|     |       |  |                           |    |    |                     |
|-----|-------|--|---------------------------|----|----|---------------------|
| S61 | 31    | S59 and S60  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:40 |
| S62 | 10    | ("20010011781"  <br>"20030015828"  <br>"4368799"   "4865799"<br>  "5277468"  <br>"5700498"   "5932166"<br>  "6379136"  <br>"6514068"  <br>"6655951").PN.                             | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/27<br>17:42 |
| S63 | 7     | ("4645447"  <br>"4696636"   "4865799"<br>  "4878828"  <br>"5700498"   "5932166"<br>  "6176699").PN. OR<br>("6514068").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/27<br>17:44 |
| S64 | 23    | ("3380121"  <br>"3408692"   "3479420"<br>  "3662048"  <br>"3789093"   "3809521"<br>  "4026983"  <br>"4239474"   "4246227"<br>  "4738612"  <br>"4777006").PN. OR<br>("4865799").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>09:50 |
| S65 | 12    | ("3662048"  <br>"4034036"   "4192843"<br>  "4865799").PN. OR<br>("5700498").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>09:55 |
| S66 | 1     | "2780273".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>10:33 |
| S67 | 2742  | clamping adj block   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>10:39 |
| S68 | 0     | S67 with (tube or<br>tubular) adj mold   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>10:39 |
| S69 | 2     | S67 with (tube or<br>tubular) with mold  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>10:39 |
| S70 | 23803 | clamp with tube  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>10:44 |
| S71 | 420   | clamp with tube with<br>mold\$3  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>10:44 |
| S72 | 14    | ("2897840").URPN.  | USPAT                     | OR | ON | 2009/03/30<br>10:50 |
| S73 | 571   | tubular adj mold   | USPAT                     | OR | ON | 2009/03/30<br>10:57 |
| S74 | 2     | S73 and hose.ab.   | USPAT                     | OR | ON | 2009/03/30<br>10:58 |
| S75 | 14    | ("2897840").URPN.  | USPAT                     | OR | ON | 2009/03/30<br>10:59 |

|     |     |   |                           |    |    |                     |
|-----|-----|---|---------------------------|----|----|---------------------|
| S76 | 40  | S73 and hose  | USPAT                     | OR | ON | 2009/03/30<br>11:01 |
| S77 | 40  | S73 and hose  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:01 |
| S78 | 754 | tubular adj mold  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:01 |
| S79 | 49  | S78 and hose  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:01 |
| S80 | 13  | ("2983961"  <br>"3164653"   "3225129"<br>  "3424831"  <br>"3602945"   "3850902"<br>  "4522770").PN. OR<br>("4957687").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:03 |
| S81 | 13  | ("2983961"  <br>"3164653"   "3225129"<br>  "3424831"  <br>"3602945"   "3850902"<br>  "4522770").PN. OR<br>("4957687").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:09 |
| S82 | 88  | cure with rubber with<br>hose   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:10 |
| S83 | 15  | rubber same2 hose<br>same2 tubular with<br>mold   | JPO; DERWENT              | OR | ON | 2009/03/30<br>11:12 |
| S84 | 1   | "4182019".pn.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:17 |
| S85 | 17  | ("2788804"  <br>"2837121"   "2897840"<br>  "2967563"  <br>"3495494"  <br>"Re27675").PN. OR<br>("4182019").URPN.             | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:18 |
| S86 | 1   | "3859408".pn.   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:21 |
| S87 | 31  | ("1537860"  <br>"2320564"   "2742669"<br>  "2903743"  <br>"2994923"  <br>"3465384").PN. OR<br>("3859408").URPN.             | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:22 |
| S88 | 190 | rubber adj hose.ab.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:24 |
| S89 | 21  | S88 and mold  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:24 |
| S90 | 53  | S88 and mold\$3   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:24 |
| S91 | 15  | ("2983961").URPN.   | USPAT                     | OR | ON | 2009/03/30<br>11:26 |

|      |       |   |                           |    |    |                     |
|------|-------|---|---------------------------|----|----|---------------------|
| S92  | 6     | ("2417881").PN. OR<br>("3602945").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:27 |
| S93  | 3573  | (elastomeric or rubber)<br>adj hose   | USPAT                     | OR | ON | 2009/03/30<br>11:28 |
| S94  | 4670  | (elastomeric or rubber)<br>adj hose   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:28 |
| S95  | 41309 | mold\$3 adj cavity  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:29 |
| S96  | 42580 | (mold\$3 or tubular) adj<br>cavity  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:29 |
| S97  | 61    | S94 and S96   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>11:29 |
| S98  | 31    | ("1537860"  <br>"2320564"   "2742669"<br>  "2903743"  <br>"2994923"  <br>"3465384").PN. OR<br>("3859408").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:32 |
| S99  | 36    | S94 and 264/500-574.<br>ocls.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:32 |
| S100 | 19    | ("1939871"  <br>"2226768"   "2616126"<br>  "2688768"  <br>"2984870"   "3359357"<br>  "4026747"  <br>"4106967"  <br>"4155790").PN. OR<br>("4483815").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>11:36 |
| S101 | 2     | "2312993".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>12:41 |
| S102 | 1     | "3602945".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>12:42 |
| S103 | 11    | "1031640"   | DERWENT                   | OR | ON | 2009/03/30<br>12:47 |
| S104 | 22    | "275328"  | DERWENT                   | OR | ON | 2009/03/30<br>12:50 |
| S105 | 42    | "077188"  | DERWENT                   | OR | ON | 2009/03/30<br>12:51 |
| S106 | 0     | "077188"  | JPO                       | OR | ON | 2009/03/30<br>12:51 |
| S107 | 42    | "077188"  | JPO; DERWENT              | OR | ON | 2009/03/30<br>12:51 |

|      |       |  |                           |    |    |                     |
|------|-------|--|---------------------------|----|----|---------------------|
| S108 | 13    | (US-20060180959-\$ or US-20040135369-\$ or US-20050133969-\$). did. or (US-2897840-\$ or US-4808098-\$ or US-6972505-\$ or US-6514068-\$ or US-4865799-\$ or US-5700498-\$ or US-5525288-\$ or US-4957687-\$ or US-3602945-\$ or US-2983961-\$).did. | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>12:55 |
| S109 | 0     | S108 and (cure or vulcanize)   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>12:55 |
| S110 | 463   | (cure or vulcanize) with hose  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>12:56 |
| S111 | 15    | S110 and tubular with cavity   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>12:56 |
| S112 | 19    | ("1939871"   "2226768"   "2616126"   "2688768"   "2984870"   "3359357"   "4026747"   "4106967"   "4155790").PN. OR ("4483815").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>12:57 |
| S113 | 13    | ("2983961"   "3164653"   "3225129"   "3424831"   "3602945"   "3850902"   "4522770").PN. OR ("4957687").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>13:00 |
| S114 | 17    | hose with ptfе with rubber   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>13:02 |
| S115 | 1     | "4218420".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>13:11 |
| S116 | 12    | ("2330762"   "3406430"   "3651861"   "3665069"   "3690796").PN. OR ("4218420").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>13:11 |
| S117 | 1     | "4537394".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>13:13 |
| S118 | 163   | (cure or vulcanize) with rubber with hose  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>13:15 |
| S119 | 28581 | (tubular or cylindrical) adj (cavity or mold)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>13:26 |
| S120 | 1770  | S119 and hose  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>13:26 |



|      |     |  |                           |    |    |                     |
|------|-----|--|---------------------------|----|----|---------------------|
| S121 | 27  | S120 and (cure or vulcanize) with rubber     | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>13:26 |
| S122 | 2   | ("3223760"). URPN.                           | USPAT                     | OR | ON | 2009/03/30<br>13:31 |
| S123 | 3   | air with jet with eject with cavity          | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:04 |
| S124 | 401 | pressure with eject with cavity              | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:04 |
| S125 | 5   | pressure with eject with cavity with tubular | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:08 |
| S126 | 0   | pressure with eject with cavity with hose    | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:13 |
| S127 | 401 | pressure with eject with cavity              | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:14 |
| S128 | 1   | S127 and mold with hose                      | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:14 |
| S129 | 104 | pressure with eject with cavity with mold\$3 | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:15 |
| S130 | 401 | pressure with eject with cavity              | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:19 |
| S131 | 122 | S130 and vacuum                              | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:19 |
| S132 | 595 | 264/571.ccls.                                | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:24 |
| S133 | 448 | S132 and vacuum                              | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:24 |
| S134 | 8   | S132 and vacuum with parison                 | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:24 |
| S135 | 132 | 264/dig.41.ccls.                             | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:30 |
| S136 | 1   | S135 and eject                               | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:30 |
| S137 | 8   | S135 and eject\$3                            | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:30 |
| S138 | 1   | "3207833". pn.                               | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:32 |
| S139 | 103 | 264/36.17.ccls.                              | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:37 |
| S140 | 8   | S139 and eject\$3                            | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:38 |
| S141 | 6   | 264/919 ccls.                                | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:39 |
| S142 | 0   | eject near S102                              | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:39 |
| S143 | 0   | eject near2 hosder                           | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:39 |

|      |        |  |                           |    |    |                     |
|------|--------|--|---------------------------|----|----|---------------------|
| S144 | 49     | eject near2 hose   | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:39 |
| S145 | 31     | eject\$3 with pressure<br>with cavity same<br>tubular  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/30<br>14:40 |
| S146 | 14     | ("2931341"  <br>"3037805").PN. OR<br>("3756545").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>14:44 |
| S147 | 58     | reverse near2 pressure<br>with eject\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>14:45 |
| S148 | 808    | pressure with eject<br>with cylinder   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>14:51 |
| S149 | 65     | pressure with eject<br>with cylinder with<br>cavity  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>14:51 |
| S150 | 1      | "4660801".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>14:55 |
| S151 | 314786 | apply\$3 with pressure   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>14:56 |
| S152 | 116591 | apply\$3 adj pressure  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>14:56 |
| S153 | 3      | S152 with remove<br>near2 (hose or<br>product) with mold   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>14:56 |
| S154 | 2      | "2830622".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/30<br>15:15 |
| S155 | 6      | ("2830622").URPN.  | USPAT                     | OR | ON | 2009/03/30<br>15:25 |
| S156 | 1      | "2897840".pn.  | USPAT                     | OR | ON | 2009/03/30<br>15:37 |
| S157 | 1      | "2897840".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/31<br>09:10 |
| S158 | 20     | (US-20060180959-\$ or<br>US-20040135369-\$ or<br>US-20050133969-\$).<br>did. or (US-2897840-\$<br>or US-4808098-\$ or US-<br>6972505-\$ or US-<br>6514068-\$ or US-<br>4865799-\$ or US-<br>5700498-\$ or US-<br>5525288-\$ or US-<br>4957687-\$ or US-<br>3602945-\$ or US-<br>2983961-\$ or US-<br>4182019-\$ or US-<br>5518035-\$ or US-<br>6391963-\$ or US-<br>3756545-\$ or US-<br>2830622-\$).did. or (US-<br>3223760-\$ or US- | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>09:29 |

|      |    |   |                           |    |    |                     |
|------|----|---|---------------------------|----|----|---------------------|
|      |    | 3107141-\$). did.                                       |                           |    |    |                     |
| S159 | 1  | S158 and flar\$3  | US-PGPUB;<br>USPAT        | OR | ON | 2009/03/31<br>09:29 |
| S160 | 1  | "4957687".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>09:48 |
| S161 | 0  | S158 and salt   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>09:54 |
| S162 | 0  | S158 and bath   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>09:54 |
| S163 | 1  | S158 and submerge\$2                                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>09:54 |
| S164 | 0  | S158 and autoclave                                      | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>09:56 |
| S165 | 3  | S158 and lead   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>09:56 |
| S166 | 24 | cure with hose with<br>lead                             | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>09:57 |
| S167 | 1  | "3972757".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:02 |
| S168 | 1  | "3690796".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:05 |
| S169 | 6  | lead adj press with<br>(cure or vulcanize) with<br>hose | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:06 |
| S170 | 0  | electric adj wrap with<br>heat with mold                | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:33 |
| S171 | 11 | electric adj wrap                                       | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:33 |
| S172 | 0  | lead adj press with<br>electr\$4 with cure              | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:40 |
| S173 | 0  | lead adj press with<br>electricity with cure            | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:40 |
| S174 | 0  | lead adj press with<br>electricity                      | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:40 |
| S175 | 23 | lead adj press with<br>electrical                       | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:40 |
| S176 | 47 | electric\$3 adj wrap                                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:41 |
| S177 | 47 | S176 not S167   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:41 |
| S178 | 36 | S176 not S171   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:41 |
| S179 | 1  | S175 and hose   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/03/31<br>10:42 |

|      |      |   |                           |    |    |                     |
|------|------|---|---------------------------|----|----|---------------------|
| S180 | 20   | (US-20060180959-\$ or US-20040135369-\$ or US-20050133969-\$).<br>did. or (US-2897840-\$ or US-4808098-\$ or US-6972505-\$ or US-6514068-\$ or US-4865799-\$ or US-5700498-\$ or US-5525288-\$ or US-4957687-\$ or US-3602945-\$ or US-2983961-\$ or US-4182019-\$ or US-5518035-\$ or US-6391963-\$ or US-3756545-\$ or US-2830622-\$).did. or (US-3223760-\$ or US-3107141-\$).did. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/20<br>11:28 |
| S181 | 20   | (US-20060180959-\$ or US-20040135369-\$ or US-20050133969-\$).<br>did. or (US-2897840-\$ or US-4808098-\$ or US-6972505-\$ or US-6514068-\$ or US-4865799-\$ or US-5700498-\$ or US-5525288-\$ or US-4957687-\$ or US-3602945-\$ or US-2983961-\$ or US-4182019-\$ or US-5518035-\$ or US-6391963-\$ or US-3756545-\$ or US-2830622-\$).did. or (US-3223760-\$ or US-3107141-\$).did. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/04/26<br>10:53 |
| S182 | 1    | S181 and segment\$  | US-PGPUB;<br>USPAT        | OR | ON | 2009/04/26<br>10:53 |
| S183 | 7735 | rubber adj hose   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:30 |
| S184 | 68   | S183 and cur\$3 with<br>known with art  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:30 |
| S185 | 31   | ("1537860"  <br>"2320564"   "2742669"<br>  "2903743"  <br>"2994923"  <br>"3465384").PN. OR<br>("3859408").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:48 |

|      |       |  |                           |    |    |                     |
|------|-------|--|---------------------------|----|----|---------------------|
| S186 | 10424 | rubber adj tube                                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:49 |
| S187 | 39    | S186 and cur\$3 with<br>known with art             | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:49 |
| S188 | 7     | 200/dig.37.ccls.                                   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:52 |
| S189 | 212   | collapsible adj hose                               | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:53 |
| S190 | 0     | S189 and cur\$3 with<br>known with art             | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:53 |
| S191 | 541   | elastomer\$ adj hose                               | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:53 |
| S192 | 12    | S191 and cur\$3 with<br>known with art             | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>11:53 |
| S193 | 7735  | rubber adj hose                                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:43 |
| S194 | 34182 | inner with surface with<br>smooth                  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:43 |
| S195 | 133   | S193 and S194                                      | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:43 |
| S196 | 1234  | inner with surface with<br>smooth with friction    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:43 |
| S197 | 3     | S193 and S196                                      | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:43 |
| S198 | 686   | corrugated adj hose                                | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:46 |
| S199 | 73    | S198 and smooth with<br>inner with surface         | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:46 |
| S200 | 250   | inner with surface with<br>frictionless            | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:59 |
| S201 | 51460 | inner with surface with<br>friction\$              | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/08/20<br>13:59 |
| S202 | 35058 | inner with surface with<br>friction\$              | US-PGPUB;<br>USPAT        | OR | ON | 2009/08/20<br>13:59 |
| S203 | 10    | S198 and S202                                      | US-PGPUB;<br>USPAT        | OR | ON | 2009/08/20<br>14:00 |
| S204 | 4     | hose with smooth with<br>interior with friction\$5 | US-PGPUB;<br>USPAT        | OR | ON | 2009/08/20<br>14:06 |
| S205 | 8     | hose with smooth with<br>inner with friction\$5    | US-PGPUB;<br>USPAT        | OR | ON | 2009/08/20<br>14:08 |
| S206 | 13    | S198 and smooth adj<br>interior                    | US-PGPUB;<br>USPAT        | OR | ON | 2009/08/20<br>14:11 |
| S207 | 90    | S198 and friction                                  | US-PGPUB;<br>USPAT        | OR | ON | 2009/08/20<br>14:11 |

|      |    |   |                    |    |    |                     |
|------|----|---|--------------------|----|----|---------------------|
| S208 | 35 | heat with relief\$3<br>near2 stress with<br>("near" or adjacent or<br>proxim\$) with weld\$3    | US-PGPUB;<br>USPAT | OR | ON | 2009/08/20<br>14:26 |
| S209 | 37 | heat\$3 with relief\$3<br>near2 stress with<br>("near" or adjacent or<br>proxim\$) with weld\$3 | US-PGPUB;<br>USPAT | OR | ON | 2009/08/20<br>14:26 |
| S210 | 1  | "5844127".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2009/08/20<br>14:26 |

3/ 15/ 2010 2:23:39 PM

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